PERSONAL INFORMATION

Miguel Ángel Rozalén Soriano

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Sex Male | Date of birth 10/03/1993 | Nationality Spaniard

PERSONAL STATEMENT

Information Technology and Computer Science Engineer

WORK EXPERIENCE

Mar. de 2019 – actualidad

Full Stack Developer

The Reuse Company, Leganés

Participation in multiple R + D + i projects related to natural language semantic analysis and pattern detection. Narange private project (in collaboration with Orange Spain), for the automatic classification of user satisfaction surveys in different groupers through the analysis of natural language. European Project IMOLAII, for the visualization of thesauri through a web application. POC Acciona, for the visualization of ontologies through a web application.
Leadership and participation of products: Skylability Platform (scalability framework for computationally heavy tasks distributed execution) and Knowledge Manager Online (web viewer of ontologies).

Sector Computer Science, IT Engineering, Natural Language Analysis, Big Data.

Mar. of 2017 – Mar. of 2019

Technical Research Support

Carlos III University of Madrid (EPS), Leganés

Participation in many different research projects related to natural language analysis and pattern detection. SMART-RTVE Cathedra, for celebrities and famous people profiles monitoring and tracking in social networks. Social Media Radar Project, for early detection of events (such as traffic accidents in rural areas) through social networks. POC Orange, for automatic user satisfaction surveys classification and clustering through the analysis of natural language.

Sector Computer Science, IT Engineering, Natural Language Analysis, Big Data.

Jul. of 2016 – Mar. of 2017

SMART-RTVE Cathedra Scholarship Assistant

Carlos III University of Madrid (EPS), Leganés

Information Technology Department. Knowledge Reuse Group. SMART-RTVE Project in collaboration with Radio Televisión Española (Spanish national public television).

Sector Computer Science, IT Engineering, Natural Language Analysis, Big Data.

Ago. of 2014 – Oct. of 2014

Internet of Things Developer Intern

ISD Ibérica/PHILIPS

Participation in many different projects related to internet of things, architectural domotics (home automation) and smart illumination. CEPSA Tower project, environment and devices responsible for the exterior lighting of the building programming. BBVA Santa Bárbara project, programming of an intelligent interior lighting system. Spanish Constitutional Court project, programming of an intelligent interior lighting system. INDRA Project, programming of an intelligent interior lighting system. Bricodepot Gaia Project (Oporto - Portugal), programming of an intelligent interior lighting system.

Sector Electricity, Electronics and Lighting, Telecommunication's Engineering.

EDUCATION AND TRAINING

Mar. de 2019 – Now

PhD in Computer Science

Carlos III University of Madrid (EPS), Leganés

Automatic generation of ontologies through the processing of natural language through artificial intelligence.

Sep. of 2015 – Mar. of 2017

Master Degree in Informatics Engineering

Carlos III University of Madrid (EPS), Leganés

Computer Systems Audit and Certification, Informatics Systems Integration, Computational Graphics, Computing Architectures Design and Evaluation, Information Systems Strategic Planning, High Performance Computing, Decision Support Systems.

Sep. of 2011 – jun. of 2015

Bachelor's Degree in Computer Science and Engineering (Minor in Computer Engineering)

Carlos III University of Madrid (EPS), Leganés

Automata and formal language theory, Files and data bases, Cryptography and computer security, Software Engineering, Computer Networks, Operating systems design, Ubiquitous Computing, Distributed Systems.

Sep. of 2009 – Jun. of 2011

Diploma in Science

Mater Purissima High School, Madrid

Technology, Physics, Chemistry, Technical Draw.

PERSONAL SKILLS

Mother tongue

Castilian (Spanish)

Other language(s)

UNDERSTANDING		SPEAKING		WRITING
Listening	Reading	Spoken interaction	Spoken production	
English B2	B2	B2	B2	B2
Cambridge FIRST Certificate in English				

Communication skills

- Good communicative skills acquired thanks to the continuous treatment with clients in the projects in which I have participated.
- Public speaking experience acquired during the student years and now as a professional to communicate the results of the research or projects in which I participate or have participated.

Organizational / managerial skills

- Leadership (currently, responsible for 3 projects involving more than 10 people).

Job-related skills

- Commitment and continuity in the studies.
- Experience in carrying out research projects.
- Ability to develop semantic systems based on graphs for the management and recognition of profiles in radio and television environments.
- Ability to develop ontologies based systems and NLP for the management of information extracted from Facebook, Twitter, other social networks and other massive information systems.
- Knowledge for the development, management and implementation of Big Data and Linked Data analysis systems.
- Knowledge in RSHP, ontological systems and artificial intelligence systems.
- Experience in version control systems such as Github, Git and TortoiseSVN and in development environments such as Eclipse and Visual Studio.

Digital competence	SELF-ASSESSMENT				
	Information processing	Information processing	Information processing	Information processing	Information processing
	Proficient User	Proficient User	Proficient User	Proficient User	Proficient User

- Microsoft Office Suite advanced skills acquired as a computer engineering student.
- Adobe Photoshop advanced skills acquired as an amateur graphic designer.
- Cloud Services Platform Knowledge such as Microsft Azure and Amazon Web Services.

Other skills
- Electronics, based on experience repairing desktops, televisions and other appliances with integrated circuits

Driving licence   B

ADDITIONAL INFORMATION

Presentations   Manipulando las redes sociales a voluntad (T3chFest 2017 V Edición).
https://youtu.be/GQrW0mWFPTg

Caso de uso de monitorización y análisis de las redes sociales y medios digitales para la toma de decisiones (Observatorio para la Digitalización en el sector Media: Retos y oportunidades de la utilización de grandes datos en el sector audiovisual. Análisis de sentimiento de la audiencia).
https://www.youtube.com/watch?v=jbtdtLm6S-I